

REMARKS/ARGUMENTS

Claims 1-6 are pending herein. Claims 7-12 have been cancelled without prejudice or disclaimer. Claim 1 has been amended as supported by, for example, Fig. 1 of the present application. Claims 2, 3 and 5 have been amended for clarification purposes only.

Examiner Meeks is thanked for courtesies extended to Applicants' representative Steven Caldwell during a telephonic interview on September 11, 2003. During the interview, Examiner Meeks tentatively agreed that amended claim 1 (submitted above) would overcome the art-based rejection of record (discussed below).

1. Applicants affirm the provisional election to prosecute claims 1-6. Claims 7-12 have been withdrawn from consideration as being drawn to a non-elected invention, and thus have been cancelled without prejudice or disclaimer. Applicants reserve the right under 35 USC §121 to file a divisional application for the non-elected claims.

2. The rejection of claims 1-6 under §112, second paragraph is noted, but deemed moot in view of the rewritten claims submitted above.

3. Claims 1-6 were rejected under §103(a) over Kryliouk et al. in view of McNeilly et al. As discussed above, Examiner Meeks tentatively agreed that amending pending claim 1 to recite that a portion of the reactor inner wall "directly opposite to the substrate" is directly cooled would overcome this rejection. Specifically, Examiner Meeks acknowledged that the cold-wall type reaction chambers disclosed in each of Kryliouk and McNeilly include walls that are maintained in an unheated state, and thus do not disclose or suggest that the cold-wall is directly cooled, as claimed. Examiner Meeks also tentatively agreed that McNeilly does not disclose or suggest that a portion of the inner wall of reaction chamber 31 (shown in Fig. 2 of McNeilly, for example) "directly opposite to the substrate" is directly cooled, as claimed.

For all the foregoing reasons, Applicants respectfully submit that all pending claims define patentable subject matter over the art of record. Accordingly, reconsideration and withdrawal of all grounds of rejection based on the art of record are respectfully requested.

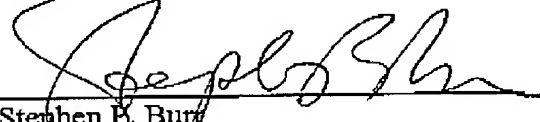
If Examiner Meeks believes that contact with Applicants' attorney would be advantageous toward the disposition of this case, he is herein requested to call Applicants' attorney at the phone number noted below.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

September 22, 2003

Date


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